

2007 Engineering Conference Breakout Period 8.

6. Wildlife Crossings - A Corridor Perspective

Track: Environmental

Presenter: Patricia Cramer & Bill Ruediger

Synopsis: Wildlife crossing can and do work. They can be an important part of the context sensitive solutions for your projects. Installing them in the wrong location, or without the right entrance characteristics can greatly reduce their effectiveness. Locations are best determined at the corridor level. This session explains the methodology and process UDOT went through on a recent study of I-70 in Region Four to determine future locations for wildlife crossings. A key ingredient to making crossings happen is to make them both economical and effective - these key factors will be part of the discussion.

Time Required: 90 Minutes

19. Roadway Design with Maintenance in Mind

Track: Roadway Design

Presenters: Steve Acerson, Region 3 Station Supervisors, Lynn Bernhard

Synopsis: Despite our best efforts, an otherwise well done roadway design sometimes results in challenges of various varieties for maintenance forces. These challenges may be related to winter maintenance, or to accessibility to features that may require maintenance, or to materials that may be difficult to replace or repair, or to other aspects of the design. Most often these challenges are remedied by simple design changes. Early, close coordination with the local station supervisor is often the best way to both identify problem areas that should receive extra attention during design, and to avoid or minimize maintenance challenges with the finished product.

Time Required: 90 minutes

30. Construction Manager General Contractor (CMGC) Update and Lessons Learned

Track: Project Management

Presenters: Fred Doehring/Stam Burns and Tamerha Maxwell/Rick Torgerson

Synopsis: CMGC process status update and Lessons Learned from projects done to date including two Region 4 CMGC projects the SR-18 Widening and the Southern Parkway, including what worked well and what was a challenge for these projects.

Time Required: 90 minutes

34. Pedestrian Access Update

Track: ITS / Traffic Management / Safety

Presenters: Larry Montoya, Dan Snell (PEC)

Synopsis: Still confused about ped ramps and what is required by the stipulation settlement? This session will provide an up-to-date overview of the pedestrian access program including: available funding; necessary funding utilization; project package preparation; construction issues; ramp evaluation; database; and requesting funding support for orange book projects.

Time Required: 90 minutes

45. Asset Management & Pavement Management Programs

Track: Systems Planning and Programming

Presenters: Gary Kuhl, Tim Rose, Austin Baysinger and Steve Poulsen

Synopsis: A programmatic discussion of pavement program development, based on field needs and budget realities. Also Asset Management principles and UDOT's philosophy on Asset Management, what tools and data are used to develop the Department's System Preservation Plan.

Time Required: 90 minutes

50. Recap of the Progress on UDOT's Major Projects; Legacy, I-15 NOW, Provo Canyon

Track: Construction/AGC

Presenters: Randy Jefferies, Todd Jensen, and Jim Golden

Synopsis: Recap of the Progress on UDOT's Major Projects; Legacy, I-15 NOW, Provo Canyon

Time Required: Two back to back sessions, 90, plus 50 minutes

**58. Project Level Materials Documentation for Resident Engineers / Project Managers
(recommended for Consultants)**

Track: Materials

Presenters: Tim Biel, UDOT Engineer for Materials, Paul Anderson, PEC

Synopsis: Understanding materials, protocol, decision-making, and how to interpret specifications.

Time Required: 90 minutes